IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A process for the synthesis of chlorotrifluoroethylene (PCTFE) (co)polymers, containing at least 80% by moles of CTFE, the complement to 100 being one or more fluorinated monomers in aqueous emulsion, in the presence of a microemulsion consisting of water, (per)fluoropolyoxyalkylenes ~~,~~ a and fluorinated surfactant, and an inorganic initiator, wherein the fluorinated surfactant has formula:

$$R_f - X^-M^+$$

wherein R_f is a C_5-C_{14} (per)fluoroalkyl chain, or a (per)fluoropolyoxyalkylene chain, X^- is $-COO^-$ or $-SO_3^-$, M^+ is Na^+ or K^+, and the initiator is a potassium and/or sodium persulphate, wherein temperature is in the range of 0°C - 150°C and pressure is in the range of 3 - 80 bar.

2. (Cancelled)

3. (Previously Amended) A process according to claim 1, wherein M^+ is K^+.

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Previously Amended) A process according to claim 1, wherein the temperature ranges between 10 °C and 70 °C and the pressure between 4 and 20 bar.

8. (Previously Amended) A process according to claim 1, wherein the CTFE is liquid.

9. (Previously Added) A process according to claim 1, wherein the fluorinated monomers are perfluorinated.

10. (Cancelled)